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Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Red/Brown (30A)	+	SAM Control Unit in passenger kick, 36 pin plug (MR2), pin 25
Second 12 Volts	Red/Green (10A)	+	Electronic Ignition Lock Control Unit in driver kick, blue-black 40 pin plug, pin 38
Ground	(chassis ground)		
Ground 2	Brown	-	Electronic Ignition Lock Control Unit in driver kick, blue-black 40 pin plug, pin 16
Starter Kill	Violet	+	Passenger Footwell Fuse Box, rear, 10 pin plug (H1), pin 5
Ignition Sense	Black	+	SAM Control Unit in passenger kick, 36 pin plug (MR2), pin 28
PTS 1	Blue/Violet	-	Electronic Ignition Lock Control Unit in driver kick, blue-black 40 pin plug, pin 18
PTS 2	Brown/Black	-	Electronic Ignition Lock Control Unit in driver kick, blue-black 40 pin plug, pin 39
PTS 3	Black/Yellow		Electronic Ignition Lock Control Unit in driver kick, blue-black 40 pin plug, pin 19
PTS 4	Blue/Red		Electronic Ignition Lock Control Unit in driver kick, blue-black 40 pin plug, pin 20
CAN Bus High	Brown/Red (CAN B)	Data	Electronic Ignition Lock Control Unit in driver kick, blue-black 40 pin plug, pin 35
CAN Bus Low	Brown (CAN B)	Data	Electronic Ignition Lock Control Unit in driver kick, blue-black 40 pin plug, pin 15
CAN Bus High 2	Gray (CAN D)	Data	Electronic Ignition Lock Control Unit in driver kick, blue-black 40 pin plug, pin 14
CAN Bus Low 2	Gray/White (CAN D)	Data	Electronic Ignition Lock Control Unit in driver kick, blue-black 40 pin plug, pin 13

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Item	Wire Color	Polarity	Wire Location
CAN Bus High 3	Brown/Red (CAN B)	Data	SAM Control Unit in passenger kick, 20 pin plug, pin 20
CAN Bus Low 3	Brown (CAN B)	Data	SAM Control Unit in passenger kick, 20 pin plug, pin 10
CAN Bus High 4	Gray (CAN D)	Data	OBD-Data Link Connector, black 16 pin plug, pin 6
CAN Bus Low 4	Gray/White (CAN D)	Data	OBD-Data Link Connector, black 16 pin plug, pin 14
OBD 12 Volts	Red/Green (5A)	+	OBD-Data Link Connector, black 16 pin plug, pin 16
OBD Ground	Brown	-	OBD-Data Link Connector, black 16 pin plug, pin 4
OBD Connector	Black		Under Driver Dash, Near Hood Release
Center LF Antenna	Gray/Blue - Gray/Green - Gray/Red	RF	Keyless Go Antenna in bottom of center dash, 3 pin plug, pins 1, 2, 3
Center LF Antenna 2	Gray/Blue - Gray/Green - Gray/Red	RF	Electronic Ignition Lock Control Unit in driver kick, 40 pin plug (C2), pins 15, 34, 35
Keyless Data	Green	Data	Electronic Ignition Lock Control Unit in driver kick, 40 pin plug (C2), pin 1
Power Lock	Yellow (w/o heated seat); (LIN with heated seat)	MUX	Driver Door Lock Switch, 3 pin plug, pin 1 --or-- Driver Door Control Unit, 10 pin plug (C5), pin 4
Power Unlock	(same as power lock)		
Lock Motor	Green	Reverse	Driver Door Control Unit, 9 pin plug (C7), pin 7
Driver Unlock Motor	Gray	Reverse	Driver Door Control Unit, 9 pin plug (C7), pin 6
Passenger Unlock Motor	Gray	Reverse	Passenger Door Control Unit, 9 pin plug (C7), pin 6
Parking Lights	Blue/Yellow (LF); Blue/Yellow (LR)	+	SAM Control Unit in passenger kick, 63 pin plug (RBA1), pin 10 (LF); pin 13 (LR)
Parking Lights 2	Gray/Red (RF); Gray/Red (RR)	+	SAM Control Unit in passenger kick, 63 pin plug (RBA2), pin 63 (RF); pin 60 (RR)

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Item	Wire Color	Polarity	Wire Location
Parking Lights -	Green/Black	-	Headlight Switch, 14 pin plug, pin 7
Parking Lights NEG 2	Green/Black (alternate location)	-	SAM Control Unit in passenger kick, 40 pin plug (RBA3), pin 24
Hazards	Yellow/Green	-	SAM Control Unit in passenger kick, 40 pin plug (RBA3), pin 26
Hazards 2	Yellow/Green (alternate location)	-	A/C Controls, 8 pin plug, pin 3
Turn Signal (Left)	Black/White (LF, w/o LED); Black/White (LR)	+	SAM Control Unit in passenger kick, 63 pin plug (MR1), pin 1 (LF); 63 pin plug (RBA1), pin 12 (LR)
Turn Signal (Right)	Black/Gray (RF, w/o LED); Black/Green (RR)	+	SAM Control Unit in passenger kick, 36 pin plug (MR2), pin 5 (RF); 63 pin plug (RBA2), pin 61 (RR)
Headlight	Yellow/Black (L); Yellow/Red (R) (w/o LED)	+	SAM Control Unit in passenger kick, 63 pin plug (MR1), pin 20 (L); 36 pin plug (MR2), pin 2 (R)
Reverse Light	White/Blue	+	SAM Control Unit in passenger kick, 63 pin plug (RBA1), pin 11
Left Front Door Trigger	Blue	-	Driver Door Control Unit, 9 pin plug (C7), pin 9
Right Front Door Trigger	Blue	-	Passenger Door Control Unit, 9 pin plug (C7), pin 9
Left Rear Door Trigger	Yellow/Black or Yellow/Green	-	Left Sliding Door Pin Contact Connector, 6 pin plug, pin 5 or 8 pin plug, pin 1
Right Rear Door Trigger	Yellow/White or Yellow/Green	-	Left Sliding Door Pin Contact Connector, 6 pin plug, pin 1 or 8 pin plug, pin 1
Dome Light	(LIN or CAN B)		
Trunk/Hatch Pin	Blue/White	-	SAM Control Unit in passenger kick, 63 pin plug (RBA2), pin 23
Trunk Release Motor	Blue/Black - Blue/Brown (lock-unlock motor)	Reverse	SAM Control Unit in passenger kick, 63 pin plug (RBA2), pins 3 - 4
Tachometer	Green/Violet or Green/Brown (2.0L)	AC	Camshaft Position Sensor, 3 pin plug, pin 2
Tachometer 2	Yellow/Gray (3.0L diesel)	AC	RPM Sensor, 3 pin plug, pin 2

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Item	Wire Color	Polarity	Wire Location
Fuel Pump	Blue/Red	+	SAM Control Unit in passenger kick, 63 pin plug (RBA1), pin 48
Rear Defroster	Blue/Gray	+ Latched	SAM Control Unit in passenger kick, 63 pin plug (RBA2), pin 33
Mirror Defroster	(CAN B)		
Wiper Deicer	Black/Yellow	+ Latched	SAM Control Unit in passenger kick, 36 pin plug (MR2), pin 36
Left Front Heated Seat	(LIN)		
Right Front Heated Seat	(LIN)		
Brake Wire	Pink/Black	+	Brake Switch, black 2 pin plug, pin 2
Brake Wire 2	Blue/Green (alternate)	+	SAM Control Unit in passenger kick, 36 pin plug (MR2), pin 33
Parking Brake	Brown/Green (w/o EPB)	-	Parking Brake Switch
Parking Brake 2	Brown/Green (alternate location)	-	SAM Control Unit in passenger kick, 63 pin plug (RBA1), pin 39
Horn Trigger	Green	+	SAM Control Unit in passenger kick, 36 pin plug (MR2), pin 15
Wipers	Black/Yellow (LO); Black/White (HI)	+	Passenger Footwell Fuse Box, rear, black 14 pin plug (H2), pin 14 (LO); pin 12 (HI)
Left Front Window (Up/Down)	Black - Green	A	Driver Door Control Unit, plug (C4), pins 4 - 5
Right Front Window (Up/Down)	Green - Black	A	Passenger Door Control Unit, plug (C4), pins 4 - 5
Radio 12V	Red/Brown	+	Radio, black 8 pin plug, pin 7 or 26 pin plug, pin 14
Radio Ground	Brown	-	Radio, black 8 pin plug, pin 4 or 26 pin plug, pin 1
Left Front Speaker (+/-)	White/Pink - White/Black	+,-	Radio, brown 8 pin plug, pins 3 - 7 or 26 pin plug, pins 11 - 12
Right Front Speaker (+/-)	Gray/Yellow - Gray/Black	+,-	Radio, brown 8 pin plug, pins 2 - 6 or 26 pin plug, pins 2 - 3
Left Rear Speaker (+/-)	Green/Pink - Green/Black	+,-	Radio, brown 8 pin plug, pins 4 - 8 or 26 pin plug, pins 25 - 24

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Item	Wire Color	Polarity	Wire Location
Right Rear Speaker (+/-)	Violet/Yellow - Violet/Black	+,-	Radio, brown 8 pin plug, pins 1 - 5 or 26 pin plug, pins 15 - 16
Center Channel (+/-)	Green/White - Gray or Violet/White - Gray	+,-	Radio, 18 pin plug, pins 9 - 18

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What Fits

Item	Size	Depth	Location